

## **ABSTRACT**

### **Process for selecting a transmission channel and receiver of signals with antenna diversity**

A process for selecting a transmission channel from several transmission channels 1 and 2 of a receiver of OFDM radio signals with antenna diversity, with a view to favouring the transmission channel delivering a signal with the lowest binary error rate, consists in estimating the binary error rate for each transmission channel by feeding a neural network 9 with data RFC representative of the frequency response of the transmission channel.

Figure to be published: single figure